## **EAST Search History**

| Ref<br>#   | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|------------|------|--|---|---------------------|---------|---------------------|
| S1         | 500  | (HIRATA.in. or<br>MATSUMURA.in.)<br>and (exhaust near4<br>gas) and (engine)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/09/03<br>17:31 |
| S2         | 44   | (HIRATA.in. or<br>MATSUMURA.in. )<br>and (exhaust near4<br>gas) and (engine)<br>and (injector)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/09/03<br>17:31 |
| S3         | 159  | (HIRATA.in. or<br>MATSUMURA.in.)<br>and (exhaust near4<br>gas) and (engine)<br>and (inject\$4)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/09/03<br>17:31 |
| <b>S</b> 4 | 11   | (HIRATA.in. or<br>MATSUMURA.in.)<br>and (exhaust near4<br>gas) and (engine)<br>and (injector) and<br>(plasma)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/09/03<br>17:31 |
| <b>S</b> 5 | 12   | (HIRATA.in. or<br>MATSUMURA.in. )<br>and (exhaust near4<br>gas) and (engine)<br>and (inject\$4) and<br>(plasma)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/09/03<br>17:31 |
| S6         | 15   | (US-20060113181-\$ or US-20070261397- \$).did. or (US- 5904127-\$ or US- 7114324-\$ or US- 6936232-\$ or US- 7021048-\$ or US- 6959542-\$ or US- 5704321-\$ or US- 7194984-\$ or US- 6793898-\$ or US- 5845480-\$ or US- 7104224-\$).did. or | . *   | OR                  | ON      | 2008/09/03<br>17:31 |

|            |      | (EP-1662104-\$).did.<br>or (JP-2007100572-<br>\$ or JP-2007100578-<br>\$).did.  |   |    |    | anamanaman          |
|------------|------|---|---|----|----|---------------------|
| S7         | 44   | ( (exhaust near4<br>gas) and (engine)<br>and (inject\$4) and<br>(plasma) ).CLM.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>17:32 |
| <b>S</b> 8 | 15   | ( (exhaust near4<br>gas) and (engine)<br>and (injector) and<br>(plasma) ).CLM.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>17:32 |
| S9         | 1554 | (exhaust near4 gas)<br>and (engine) and<br>(inject\$4) and<br>(plasma)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>17:32 |
| S10        | 726  | (exhaust near4 gas)<br>and (engine) and<br>(injector) and<br>(plasma)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>17:32 |
| S11        | 30   | (exhaust near4 gas)<br>and (engine) and<br>(injector) and<br>((plasma) near4<br>(generat\$4)) and<br>((plasma) near4<br>(injector)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>17:32 |
| S12        | 49   | (exhaust near4 gas)<br>and (engine) and<br>(injector) and<br>((plasma) near4<br>(injector))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>17:32 |
| S13        | 69   | (exhaust near4 gas)<br>and (engine) and<br>(injector) and<br>((plasma) near4<br>(generat\$4)) and<br>((plasma) with<br>(injector))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>17:32 |

| S14 | 131 | (exhaust near4 gas)<br>and (engine) and<br>(fuel near4 injector)<br>and (plasma near4<br>(generat\$4))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>17:32 |
|-----|-----|--|---|----|----|---------------------|
| S15 | 145 | (exhaust near4 gas)<br>and (engine) and<br>(fuel near4 injector)<br>and (plasma near4<br>(generat\$4 or<br>chamber))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>17:32 |
| S16 | 168 | (exhaust near4 gas)<br>and (engine) and<br>(fuel near4 injector)<br>and (plasma near4<br>(generat\$4 or<br>chamber or electric<br>\$4 or induct\$4))                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>17:32 |
| S17 | 36  | (exhaust near4 gas)<br>and (engine) and<br>(fuel near4 injector)<br>and (plasma near4<br>(fuel near4<br>injector))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>17:32 |
| S18 | 32  | (exhaust near4 gas) and (engine) and (fuel near4 injector) and (plasma near4 (generat\$4 or chamber or electric \$4 or induct\$4)) and (plasma near4 (fuel near4 injector) ) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>17:32 |
| S19 | 43  | (exhaust near4 gas) and (engine) and (fuel near4 injector) and (plasma near4 (generat\$4 or chamber or electric \$4 or induct\$4)) and (plasma with (fuel near4 injector))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>17:32 |

| S20 | 59 | ,             | USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;                         | OR | ON | 2008/09/03<br>17:32 |
|-----|----|---------------|---|----|----|---------------------|
| S21 | 2  | "6176078".PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/03<br>17:32 |

9/11/2008 1:54:22 PM

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